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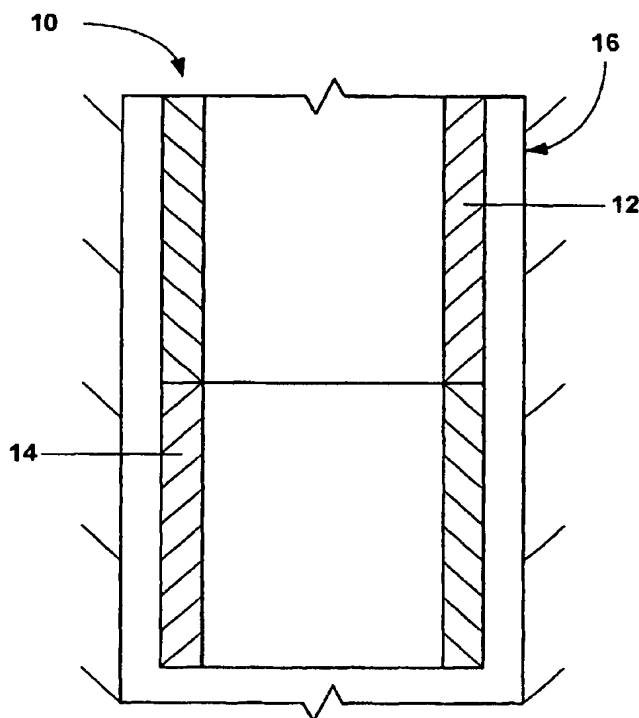
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(54) Title: **EXPANDABLE TUBULAR**



(57) Abstract: An expandable  
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**Previous Correction:**

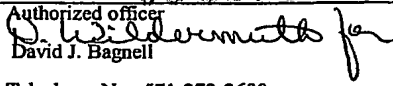
see PCT Gazette No. 20/2005 of 19 May 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/26345

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC: <b>E21B 19/00( 2006.01)</b>  USPC: <b>166/384,382,207</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>  Minimum documentation searched (classification system followed by classification symbols) U.S. : 166/384,382,207,206  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	US 6,263,968 B (Freeman et al.) 24 July 2001 (24.07.2001), Figs 8-9 and col. 10, lines 15-45.	1,5,8,9,11,12,14-17,45-50
Y		24,28
X	US 6,354,373 B (Vercaemer et al.) 12 March 2002 (12.03.2002), fig. 1.	1, 9-10, 12-13, 18-19
X	US 2003/0008171 A (Toyooka et al.) 09 January 2003 (09.01.2003), paragraphs 0017-0040	51,55-58,62-64
Y		24,28
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 25 July 2006 (25.07.2006)		Date of mailing of the international search report 05 OCT 2006
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer  David J. Bagnell Telephone No. 571-272-3600

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/26345

### Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 76-848  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
Please See Continuation Sheet
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

- Remark on Protest
- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.   |
| <input type="checkbox"/> | The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation. |
| <input type="checkbox"/> | No protest accompanied the payment of additional search fees.   |

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/26345

### Continuation of Box II Reason 2:

The application was originally filed with a total of 848 claims. PCT Article 6 states that the claims shall be clear and concise. The application does not meet this requirement, even assuming for the sake of argument that the individual claims are clear and concise in themselves, because the lack of clarity of the claims as a whole arises from the lack of conciseness. The presentation of 848 claims makes it difficult if at all possible to determine the matter for which protection is sought and to determine whether unity is present. It also places an undue burden on third parties to ascertain the subjection matter encompassed by the claims. It is also noted that PCT Rule 6.1(a) requires that the number of claims shall be reasonable in consideration of the nature of the invention claimed. Accordingly, for the above identified application, applicant was required to choose no more than six independent claims and no more than seventy-five total claims for searching within the time period set forth above. The applicant did not respond within the time period, therefore the first seventy-five claims were examined as representative of the invention.